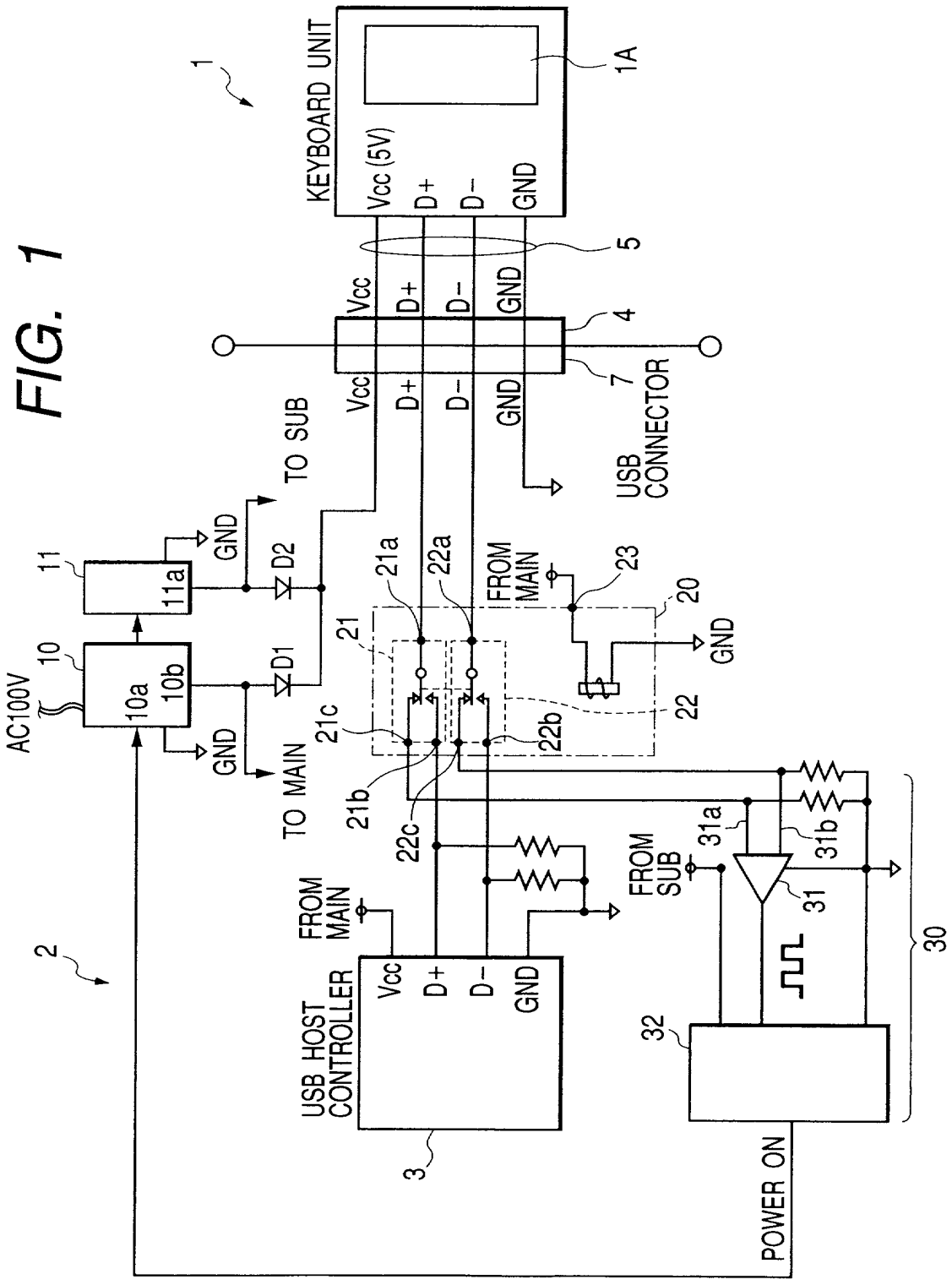
FIG. 1


KEYBOARD UNIT
1A
Vcc (5V)
D+
D−
GND
5
Vcc
D+
D−
GND
4
7
USB CONNECTOR
TO SUB
TO MAIN
AC100V
10
10a
10b
11
11a
GND
D2
D1
21
21a
21b
21c
22a
22b
22c
22
FROM MAIN
23
20
GND
USB HOST CONTROLLER
FROM MAIN
FROM SUB
31a
31b
31
32
30
POWER ON
1
2
3